

Title (en)
EXHAUST GAS PURIFICATION CATALYST

Title (de)
ABGASREINIGUNGSKATALYSATOR

Title (fr)
CATALYSEUR DE PURIFICATION DE GAZ D'ÉCHAPPEMENT

Publication
EP 4190446 A1 20230607 (EN)

Application
EP 21853523 A 20210719

Priority
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Abstract (en)
The present disclosure provides an exhaust gas purifying catalyst that may exhibit high purification performance both in a low temperature state immediately after an engine is started and during a high-load operation. The exhaust gas purifying catalyst disclosed herein contains at least one type of noble metal purifying exhaust gas, and includes a substrate, and a catalyst coat layer formed on a surface of the substrate. The catalyst coat layer is formed to have a stack structure including a lower layer provided on the substrate and an upper layer provided on the lower layer. The lower layer contains a noble metal and an oxide having an oxygen storage capacity. A noble metal-containing surface layer portion containing a noble metal is formed in at least a part of a surface portion of the upper layer. The upper layer does not contain an oxide having the oxygen storage capacity.

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